



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Meridian Energy Inc
 1475 Ward Dr
 Franktown Co 80116
 ATTN: Pat Deenihan

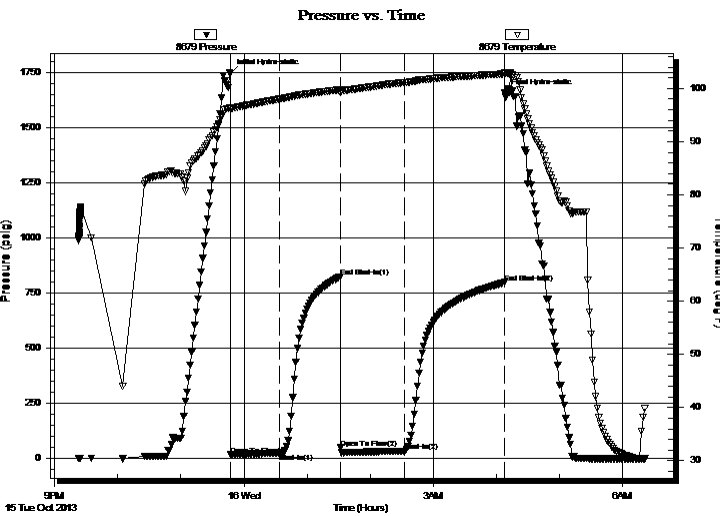
33-9s-19w
Hamel 3A
 Job Ticket: 52540 **DST#: 4**
 Test Start: 2013.10.15 @ 21:22:48

GENERAL INFORMATION:

Formation: **LKC=J & K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:47:18
 Time Test Ended: 06:25:18
 Interval: **3586.00 ft (KB) To 3630.00 ft (KB) (TVD)**
 Total Depth: 3630.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 2213.00 ft (KB)
 2208.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8679 Inside
 Press @ Run Depth: 31.79 psig @ 3590.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.15 End Date: 2013.10.16 Last Calib.: 2013.10.16
 Start Time: 21:22:49 End Time: 06:21:18 Time On Btm: 2013.10.15 @ 23:46:48
 Time Off Btm: 2013.10.16 @ 04:07:48

TEST COMMENT: IFP=Weak blow built to 2 in
 ISI=Dead no blow back
 FFP=Weak surface blow built to 1/2 in
 FSI=Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1743.53	96.48	Initial Hydro-static
1	15.35	96.13	Open To Flow (1)
47	23.59	98.03	Shut-In(1)
105	822.52	99.75	End Shut-In(1)
105	47.23	99.18	Open To Flow (2)
166	31.79	101.12	Shut-In(2)
261	796.43	102.73	End Shut-In(2)
261	1654.78	103.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud with oil spots	0.15

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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FLUID SUMMARY

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Hamel 3A

Job Ticket: 52540

DST#: 4

ATTN: Pat Deenihan

Test Start: 2013.10.15 @ 21:22:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud with oil spots	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

